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(71) Applicant: ISHIDA SCALES MFG. CO., LTD.
44, Sanno-cho Syogoin Sakyo-ku
Kyoto-shi Kyoto(JP)

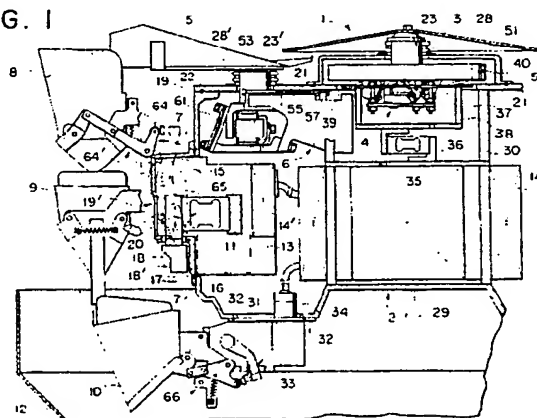
(72) Inventor: Kitagawa, Kazumi
423-3, Ogaki Ritto-cho
Kurita-gun Shiga(JP)
Inventor: Konishi, Satoshi
1922-284, Noji-cho
Kusatsu-shi Shiga(JP)
Inventor: Takahashi, Naoki
3, Minamimiyake-cho Iwakura
Sakyo-ku Kyoto-shi Kyoto(JP)
Inventor: Tatsuoka, Masahiko
1373, Kitatsuchiyama Tsuchiyama-cho
Koga-gun Shiga(JP)

(74) Representative: Zmyj, Erwin, Dipl.-Ing.
Rosenheimer Strasse 52
W-8000 München 80(DE)

(54) **Waterproof automatic weighing apparatus.**

(57) A waterproof automatic weighing apparatus comprising a case (2) hermetically sealed by means of sealing members (7, 22, 32, 52), internal components (4, 6, 11, 13, 14, 14', 15, 16, 36) lodged in this case (2), and external components (3, 5, 8, 9, 10) arranged outside this case (2). The internal components include weight sensing elements (11, 36), driving sections (13) for opening and closing hopper gates, electromagnetic vibrator sections (4, 6), and a

control unit (14, 14') having an electrical circuit. The external components include a dispersion tabel (3), feed troughs (5), pool hoppers (8), weighing hoppers (9), and, as needed memory hoppers (10). Each of the internal components is hermetically (20, 28, 28', 72) connected to the corresponding external component.

FIG. 1



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EUROPEAN SEARCH REPORT

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EP 89 11 6563

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X,Y	US-A-4 526 246 (S.A.PATORAY) * column 1, lines 14 - 24 * * lines 38 - 62; figure 2 * - - -	1,3,4	G 01 G 21/28
X	EP-A-0 035 579 (WIRTH,GALLO & CO.) * page 4, line 22 - page 5, line 17; figures 8-11 * - - -	1	
Y	EP-A-0 075 479 (K.K. ISHIDA KOKI SEISAKUSHO) * page 1, line 26 - page 2, line 19 * * page 8, line 17 - page 9, line 2 * - - -	3,4	
A	EP-A-0 018 656 (SARTORIUS GMBH) * abstract * * page 5, line 23 - page 6, line 3; figure 1 * - - - - -	1,2	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 01 G
Place of search	Date of completion of search	Examiner	
The Hague	06 February 91	GANCI P.A.	
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